

IN THE CLAIMS

1. (currently amended) An information recording apparatus ~~for recording new contents onto a recording medium~~, comprising:

a recording unit operable to receive data amount information regarding new content over a first network, to determine whether the current free recording capacity of a recording medium is sufficient to record the new content based on the data amount information regarding the new content, and to receive the new content over the first network and record the new contents onto the recording medium when said recording unit determines that the current recording capacity of the recording medium is sufficient to record the new content;

a notification unit operable to send, over a second network to an information processing terminal, a notification to an information processing terminal regarding a the current free recording capacity of the recording medium when said recording unit determines that the current free recording capacity of the recording medium is insufficient to record the new content;

a receiver operable to receive an instruction ~~transmitted from said~~ over the second network by the information processing terminal in response to said the information processing terminal receiving the notification; and

a processor operable to control said recording unit, based on the instruction, to process, at least a portion of the prior contents previously recorded on the recording medium in accordance with said instruction.

2. (currently amended) An information recording apparatus according to claim 1, wherein ~~said the~~ notification includes a plurality of titles of said prior associated with the previously recorded contents recorded on the recording medium, and said

processor causes said recording unit to erase a portion of the previously recorded content that is associated with at least a designated one of said prior contents in accordance with said the plurality of titles based on the instruction.

3. (currently amended) An information recording apparatus according to claim 1, ~~further comprising~~ wherein said recording unit includes:

a presetting unit operable to preset unattended recording of ~~said the~~ new contents onto the recording medium, ~~+~~ and

a determination unit operable to determine ~~a the~~ current free capacity of the recording medium for prior to the unattended recording said of the new contents; ~~said notification unit sending said notification to said information processing terminal based on said free capacity.~~

4. (currently amended) An information recording apparatus according to claim 3, wherein said presetting unit searches for contents that is to be broadcast which ~~all belongs~~ to a designated genre, and presets the unattended recording so that ~~the at least part of any found contents found in at least one of the searches may be is~~ recorded onto the recording medium.

5. (currently amended) A method for recording new contents onto a recording medium, comprising:

receiving data amount information regarding new content over a first network; ~~initiating a process to~~

determining whether the current free recording capacity of the recording medium is sufficient to record the new content based on the data amount information regarding the new content;

when the current recording capacity of the recording medium is sufficient,

receiving the new content, and

recording the new contents onto the recording medium; and

when the current free recording capacity of the recording medium is insufficient,

sending, over a second network to an information processing terminal, a notification to an information processing terminal regarding a the current free recording capacity of the recording medium, and

receiving an instruction transmitted from said over the second network by the information processing terminal relating to the recording capacity of the recording medium in response to said the information processing terminal receiving the notification, and

processing, based on the instruction, at least a portion of prior contents recorded on the recording medium in accordance with said instruction.

6. (currently amended) A computer-readable recording medium recorded with a computer-readable program for carrying out a method of recording new contents onto a recording medium, the program said method comprising:

receiving data amount information regarding new content over a first network; initiating a process to

determining whether the current free recording capacity of the recording medium is sufficient to record the new content based on the data amount information regarding the new content;

when the current recording capacity of the recording medium is sufficient,

receiving the new content, and

recording the new contents onto the recording medium; and

when the current free recording capacity of the recording medium is insufficient,

sending, over a second network to an information processing terminal, a notification to an information processing terminal regarding a the current free recording capacity of the recording medium,⁺

receiving an instruction transmitted from said over the second network by the information processing terminal relating to the recording capacity of the recording medium in response to said the information processing terminal receiving the notification,⁺ and

processing, based on the instruction, at least a portion of prior contents recorded on the recording medium in accordance with said instruction.

7. (currently amended) An information processing terminal connectedable over a first network to an information processing recording apparatus, which controls an the information recording apparatus for including a recording unit operable to receive data amount information regarding new content over a second network, to determine whether the current free recording capacity of a recording medium is sufficient to record the new content based on the data amount information regarding the new content, and to receive the new content over the second network and recording the new contents onto a the recording medium when the recording unit determines that the current recording capacity of the recording medium is sufficient~~through a network,~~
the said information processing terminal comprising:

a receiver operable to receive, prior to the recording unit receiving the new content, a notification over the first network from the information recording apparatus when the recording unit determines that the recording medium currently has insufficient free capacity to record the new contents based on the data amount information regarding the new content;

a display unit operable to display ~~said~~ the notification;

an instruction unit operable to ~~produce an~~ receive at least one user-entered instruction, to in response to the notification, for controlling the recording unit to process at least a portion of said new prior contents previously recorded on the recording medium ~~based on said notification~~; and

a transmitter operable to transmit ~~said~~ the at least one user-entered instruction over the first network to the information recording apparatus, the information recording apparatus thereby controlling the recording unit based on the instruction.

8. (currently amended) An information processing terminal according to claim 7, wherein said display unit displays a plurality of titles of said prior associated with the previously recorded contents recorded on the recording medium, and said the at least one instruction includes an instruction for controlling the recording unit to erase a portion of the previously recorded content that is associated with at least a designated one of said the plurality of titles of said prior contents to be erased.

9. (currently amended) An information processing terminal according to claim 7, wherein said receiver receives ~~said~~ the notification through the an information processing apparatus that is connected to the information recording apparatus over the first network, and said transmitter transmits ~~said~~ the instruction to the information recording apparatus through the information processing apparatus.

10. (currently amended) A method for operating an information processing terminal connected over a first network to an information recording processing apparatus, which controls an the information recording apparatus for including a recording

unit operable to receive data amount information regarding new content over a second network, to determine whether the current free recording capacity of a recording medium is sufficient to record the new content based on the data amount information regarding the new content, and to receive the new content over the second network and recording the new contents onto a—the recording medium when the recording unit determines that the current recording capacity of the recording medium is sufficient~~through a network~~, said method comprising:

receiving, prior to the recording unit receiving the new content, a notification over the first network from the information recording apparatus when the recording unit determines that the recording medium currently has insufficient free capacity to record the new contents based on the data amount information regarding the new content;

displaying the notification;

receiving ~~producing an~~ at least one user-entered instruction, to—in response to the notification, for controlling the recording unit to process at least a portion of the new—prior contents previously recorded onto the recording medium based on said notification; and

transmitting the at least one user-entered instruction over the first network to the information recording apparatus, the information recording apparatus thereby controlling the recording unit based on the instruction.

11. (currently amended) A computer-readable recording medium recorded with a ~~computer-readable~~ program for carrying out a method of operating an information processing terminal connected over a first network to an information recording processing apparatus, which controls an—the information recording apparatus for—including a recording unit operable to receive data amount information regarding new content over a second network, to determine whether the current free recording

capacity of a recording medium is sufficient to record the new content based on the data amount information regarding the new content, and to receive the new content over the second network and recording the new contents onto a the recording medium when the recording unit determines that the current recording capacity of the recording medium is sufficient through a network, the program said method comprising:

receiving, prior to the recording unit receiving the new content, a notification over the first network from the information recording apparatus when the recording unit determines that the recording medium currently has insufficient free capacity to record the new contents based on the data amount information regarding the new content;

displaying the notification;

receiving producing an at least one user-entered instruction, to in response to the notification, for controlling the recording unit to process at least a portion of the new prior contents previously recorded onto the recording medium based on said notification; and

transmitting the at least one user-entered instruction over the first network to the information recording apparatus, the information recording apparatus thereby controlling the recording unit based on the instruction.

12. (currently amended) An information processing apparatus ~~operable between~~ connected over a first network to an information recording apparatus for recording contents onto a recording medium and over a second network to an information processing terminal, for the information recording apparatus including a recording unit operable to receive data amount information regarding new content over a second network, to determine whether the current free recording capacity of a recording medium is sufficient to record the new content based on the data amount information regarding the new content, and to

receive the new content over the second network and record the new content onto the recording medium when the recording unit determines that the current recording capacity of the recording medium is sufficient, the information processing terminal being operable to controlling the information recording apparatus through a wireless network, the said information processing apparatus comprising:

a first receiver operable to receive, prior to the recording unit receiving the new content, a first notification produced-transmitted over the first network by the information recording apparatus when the recording unit determines that the recording medium currently has insufficient free capacity to record the new contents based on the data amount information regarding the new content;

a notification unit-first transmitter operable to issue-transmit, over the second network to the information processing terminal, a second notification indicating receipt of said-the first notification by said first receiver;

a second receiver operable to receive an instruction from-that is transmitted by the information processing terminal based-on-said-over the second network in response to the information processing terminal receiving the second notification; and

a second transmitter operable to transmit, over the wireless-first network to the information recording apparatus, a signal based on the instruction, for-the information recording apparatus thereby controlling the recording unit to process at least a portion of said-new prior contents previously recorded onto the recording medium-based-on-said instruction.

13. (currently amended) An information processing apparatus according to claim 12, wherein said ~~notification unit~~

~~issues—first transmitter transmits a notification—plurality of titles of prior—associated with the previously recorded contents recorded on the recording medium, and said second transmitter transmits a signal for—that causes the recording unit to erasing a portion of the previously recorded content that is associated with at least a designated one of the plurality of titles—said prior contents in accordance with said instruction.~~

14. (currently amended) A method for operating an information processing apparatus ~~interposed between—connected over a first network to an information recording apparatus for recording contents onto a recording medium and over a second network to an information processing terminal, for—the information recording apparatus including a recording unit operable to receive data amount information regarding new content over a second network, to determine whether the current free recording capacity of a recording medium is sufficient to record the new content based on the data amount information regarding the new content, and to receive the new content over the second network and record the new content onto the recording medium when the recording unit determines that the current recording capacity of the recording medium is sufficient, the information processing terminal being operable to controlling the information recording apparatus—through a network, said method comprising:~~

receiving, prior to the recording unit receiving the new content, a first notification produced—transmitted over the first network by the information recording apparatus when the recording unit determines that the recording medium currently has insufficient free capacity to record the new contents based on the data amount information regarding the new content;

transmitting, ~~issuing~~ over the second network to the
information processing terminal, a second notification
indicating receipt of the first notification by said first
receiver;

receiving an instruction ~~from~~ that is transmitted by
the information processing terminal ~~based on~~ over the
second network in response to the information processing
terminal receiving the second notification; and

transmitting, over the first network to the
information recording apparatus, a signal ~~for~~ based on the
instruction, the information recording apparatus thereby
controlling the recording unit to process at least a
portion of the new prior contents previously recorded onto
the recording medium based on the instruction.

15. (currently amended) A computer-readable recording
medium recorded with a ~~computer-readable~~ program for carrying
out a method of operating an information processing apparatus
~~interposed between~~ connected over a first network to an
information recording apparatus ~~for recording contents onto a~~
~~recording medium~~ and over a second network to an information
processing terminal, ~~for~~ the information recording apparatus
including a recording unit operable to receive data amount
information regarding new content over a second network, to
determine whether the current free recording capacity of a
recording medium is sufficient to record the new content based
on the data amount information regarding the new content, and to
receive the new content over the second network and record the
new content onto the recording medium when the recording unit
determines that the current recording capacity of the recording
medium is sufficient, the information processing terminal being
operable to controlling the information recording apparatus
through a network, the ~~program~~ said method comprising:

receiving, prior to the recording unit receiving the new content, a first notification ~~produced~~ transmitted over the first network by the information recording apparatus when the recording unit determines that the recording medium currently has insufficient free capacity to record the new contents based on the data amount information regarding the new content;

transmitting, ~~issuing~~ over the second network to the information processing terminal, a second notification indicating receipt of the first notification by said first receiver;

receiving an instruction ~~from~~ that is transmitted by the information processing terminal ~~based on~~ over the second network in response to the information processing terminal receiving the second notification; and

transmitting, over the first network to the information recording apparatus, a signal ~~for~~ based on the instruction, the information recording apparatus thereby controlling the recording unit to process at least a portion of the ~~new prior contents~~ previously recorded onto the recording medium ~~based on the instruction~~.

16. (currently amended) An ~~information recording apparatus~~ processing terminal according to claim ~~17~~, wherein the ~~said~~ information processing terminal ~~comprises~~ is a ~~cellular wireless telephone, that communicates with the information recording apparatus over~~ and the first network includes a wireless network.

17. - 18. (cancelled)

19. (currently amended) An ~~apparatus~~ information processing terminal according to claim ~~7~~18, wherein the ~~second first network comprising~~ includes a cellular network, and the said information processing terminal is a cellular phone, and

said transmitter transmits the at least one user-entered instruction ~~is contained in~~ an e-mail message.

20. (currently amended) An ~~apparatus~~ information processing terminal according to claim ~~718~~, wherein the ~~second~~ first network comprising ~~includes~~ a wired network, ~~the said~~ information processing terminal is a computer, and said transmitter transmits the at least one user-entered instruction ~~is contained in~~ an e-mail message.